Fig. 1

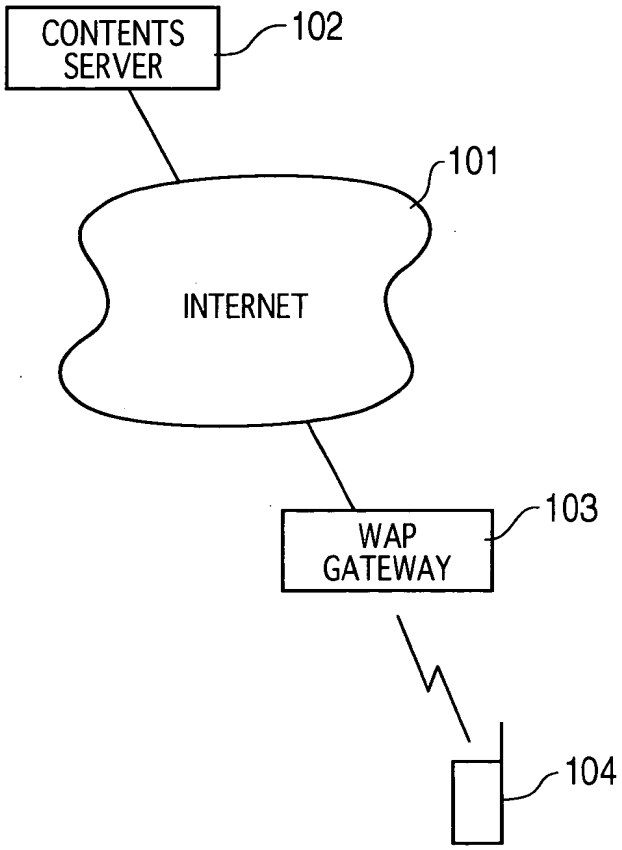


Fig. 2

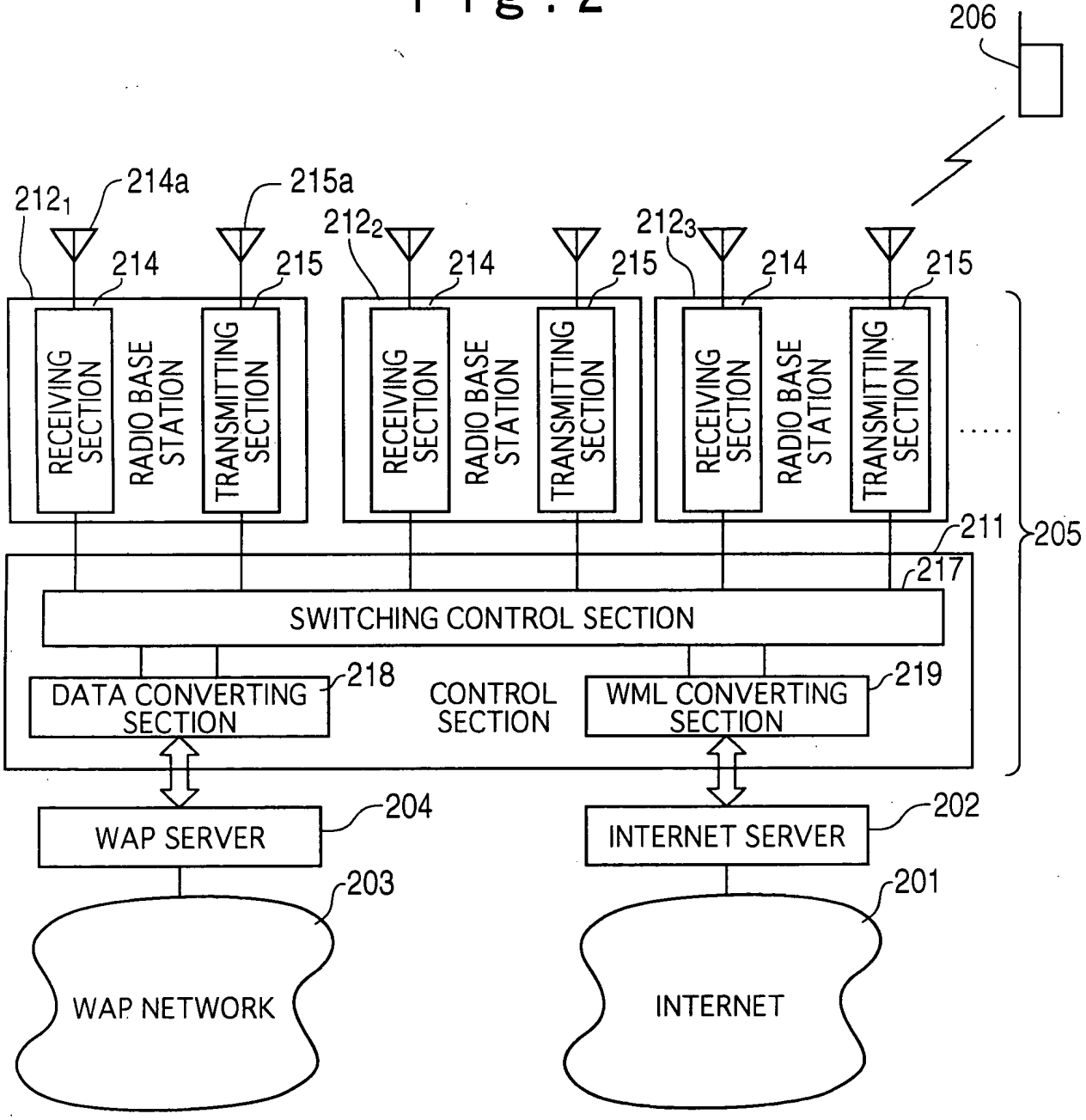

206
212₁
214a
215a
212₂
212₃
214
215
RECEIVING SECTION
RADIO BASE STATION
TRANSMITTING SECTION
211
205
217
SWITCHING CONTROL SECTION
DATA CONVERTING SECTION
218
CONTROL SECTION
WML CONVERTING SECTION
219
WAP SERVER
204
INTERNET SERVER
202
203
201
WAP NETWORK
INTERNET

Fig. 3

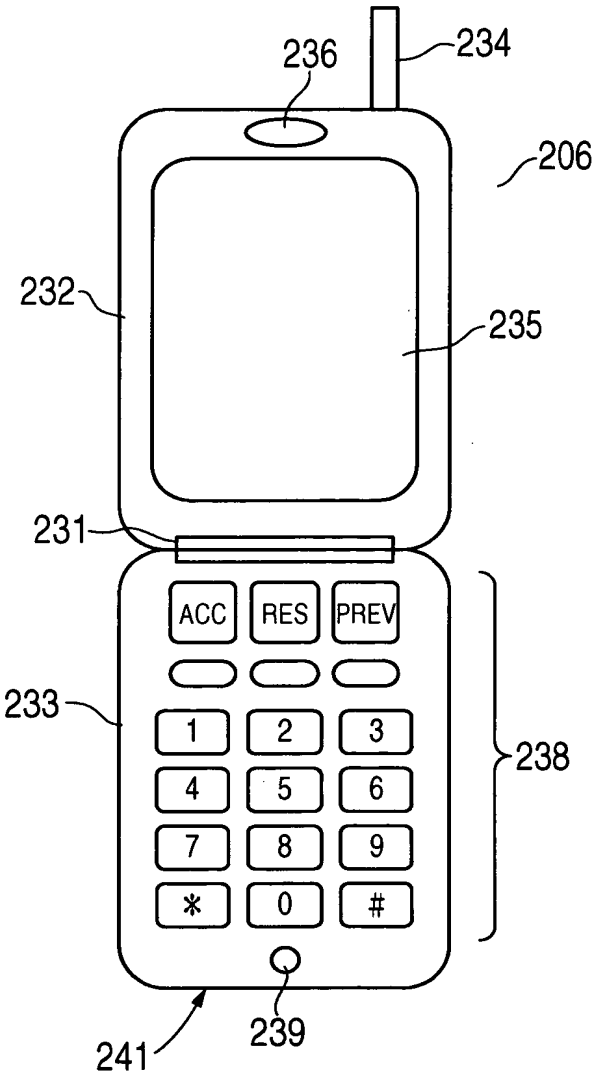

236
234
206
232
235
231
ACC
RES
PREV
233
1
2
3
4
5
6
7
8
9
*
0
#
238
241
239

Fig. 4

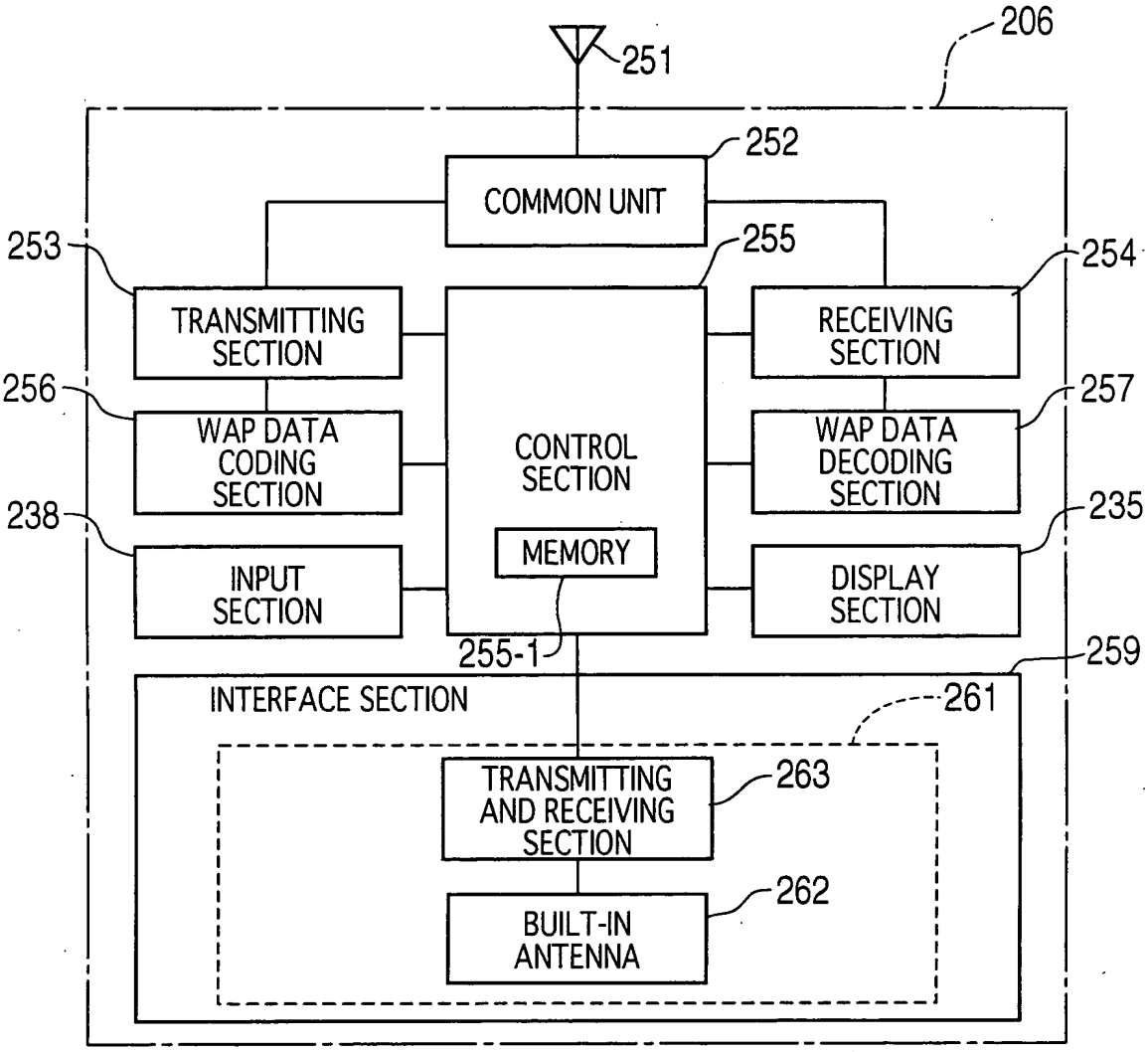

206
251
252
COMMON UNIT
253
255
254
TRANSMITTING SECTION
RECEIVING SECTION
256
257
WAP DATA CODING SECTION
CONTROL SECTION
WAP DATA DECODING SECTION
238
235
MEMORY
INPUT SECTION
DISPLAY SECTION
255-1
259
INTERFACE SECTION
261
TRANSMITTING AND RECEIVING SECTION
263
262
BUILT-IN ANTENNA

Fig. 5

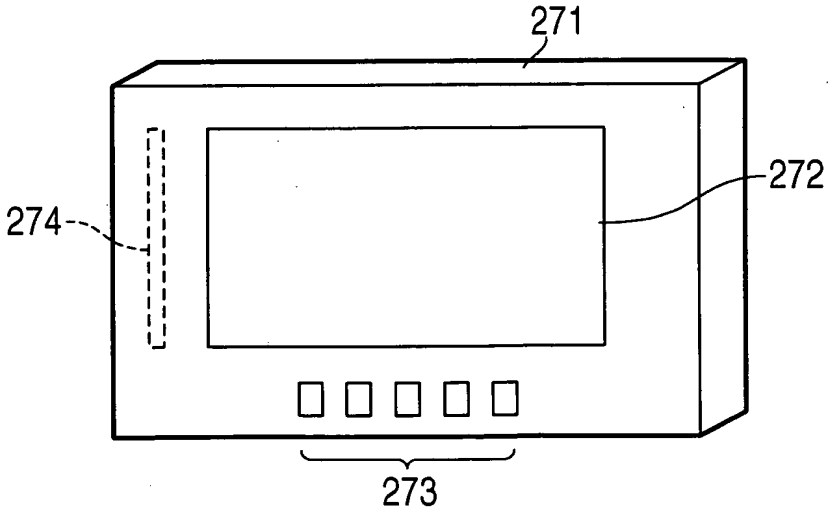

271
272
274
273

Fig. 6

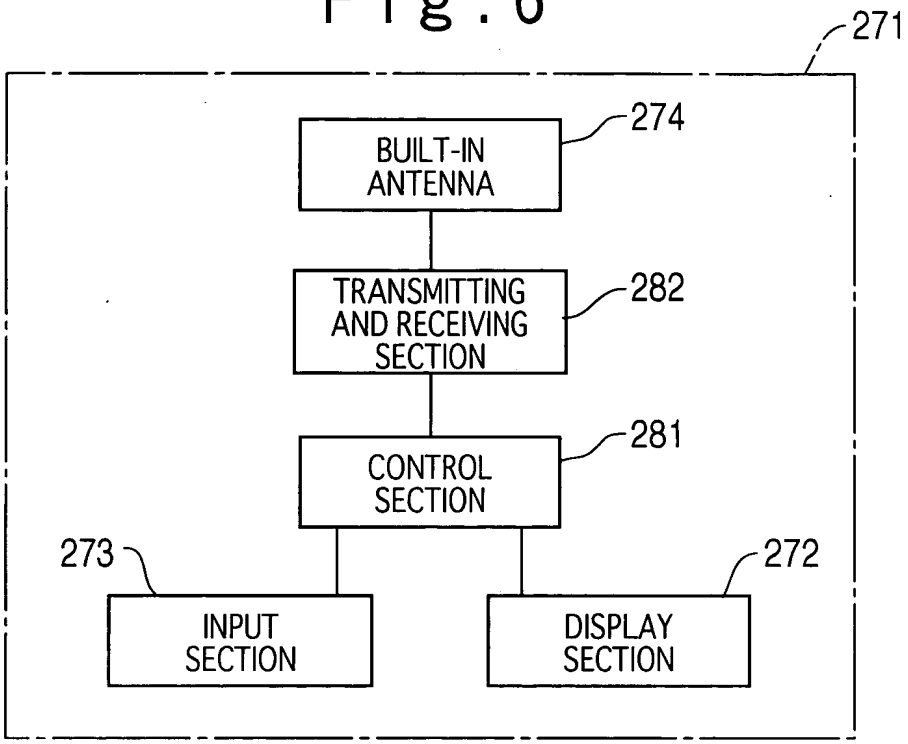

271
274
BUILT-IN ANTENNA
282
TRANSMITTING AND RECEIVING SECTION
281
CONTROL SECTION
273
INPUT SECTION
272
DISPLAY SECTION

Fig. 7

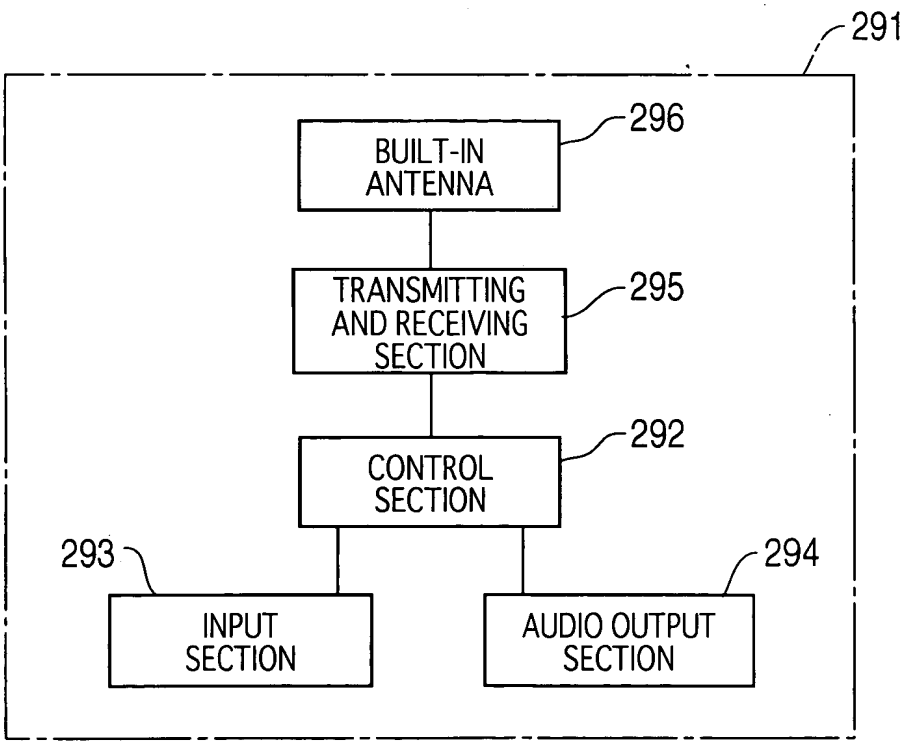

291
296
BUILT-IN ANTENNA
295
TRANSMITTING AND RECEIVING SECTION
292
CONTROL SECTION
293
INPUT SECTION
294
AUDIO OUTPUT SECTION

Fig. 8

LARGE GROUP	MIDDLE GROUP	SMALL GROUP	IDENTIFIER
CHARACTER DATA	TEXT FILE	-	c_0
	OTHERS	-	c_1
		RESERVED	c_2-c_9
IMAGE DATA	STILL IMAGE	FILE SIZE <1 KBYTES	s_0
		FILE SIZE ≧1 KBYTES AND <10 KBYTES	s_1
		FILE SIZE≧ 10 KBYTES AND <50 KBYTES	s_2
		FILE SIZE≧ 50 KBYTES AND <100 KBYTES	s_3
		FILE SIZE≧ 50 KBYTES AND <100 KBYTES	s_4
		FILE SIZE≧ 100 KBYTES AND <500 KBYTES	s_5
		FILE SIZE≧ 500 KBYTES AND <1 MBYTES	s_6
		FILE SIZE ≧1 MBYTES	s_7
		RESERVED	s_8-s_9
	PICTURE	FILE SIZE <100 KBYTES	m_0
		FILE SIZE ≧100 KBYTES AND<500 KBYTES	m_1
		FILE SIZE ≧500 KBYTES AND<1 MBYTES	m_2
		FILE SIZE ≧ 1 MBYTES	m_3
		RESERVED	m_4-m_9
AUDIO DATA	FILE SIZE <10 KBYTES	-	a_0
	FILE SEIZE ≧10 KBYTES	FREQUENCY RANGE 1000 Hz TO 3000 Hz	a_1
		FREQUENCY RANGE OTHER THAN THE ABOVE RANGE	a_2
		RESERVED	a_3-a_9

Fig. 9

(IN CASE OF TERMINAL WITH PERIPHERAL DEVICE)

CONTENT DATA CATEGORY ID	PERIPHERAL DEVICE
c_0-c_9,s_0-s_9,m_0-m_9,a_0-a_9	NO DESIGNATION (ENTIRELY PROCESSED IN PORTABLE TERMINAL)

Fig. 10

(IN CASE OF TERMINAL WITH ONLY IMAGE VIEWER)

CONTENT DATA CATEGORY ID	PERIPHERAL DEVICE
c_0-c_9,s_0,a_0-a_9	NO DESIGNATION (ENTIRELY PROCESSED IN PORTABLE TERMINAL)
s_1-s_9,m_0-m_9	IMAGE VIEWER

Fig. 11

(IN CASE OF TERMINAL WITH IMAGE VIEWER AND AUDIO UNIT)

CONTENT DATA CATEGORY ID	PERIPHERAL DEVICE
c_0-c_9,s_0,a_0	NO DESIGNATION (ENTIRELY PROCESSED IN PORTABLE TERMINAL)
s_1-s_9,m_0-m_9	IMAGE VIEWER
a_1-a_9	AUDIO UNIT

Fig. 12

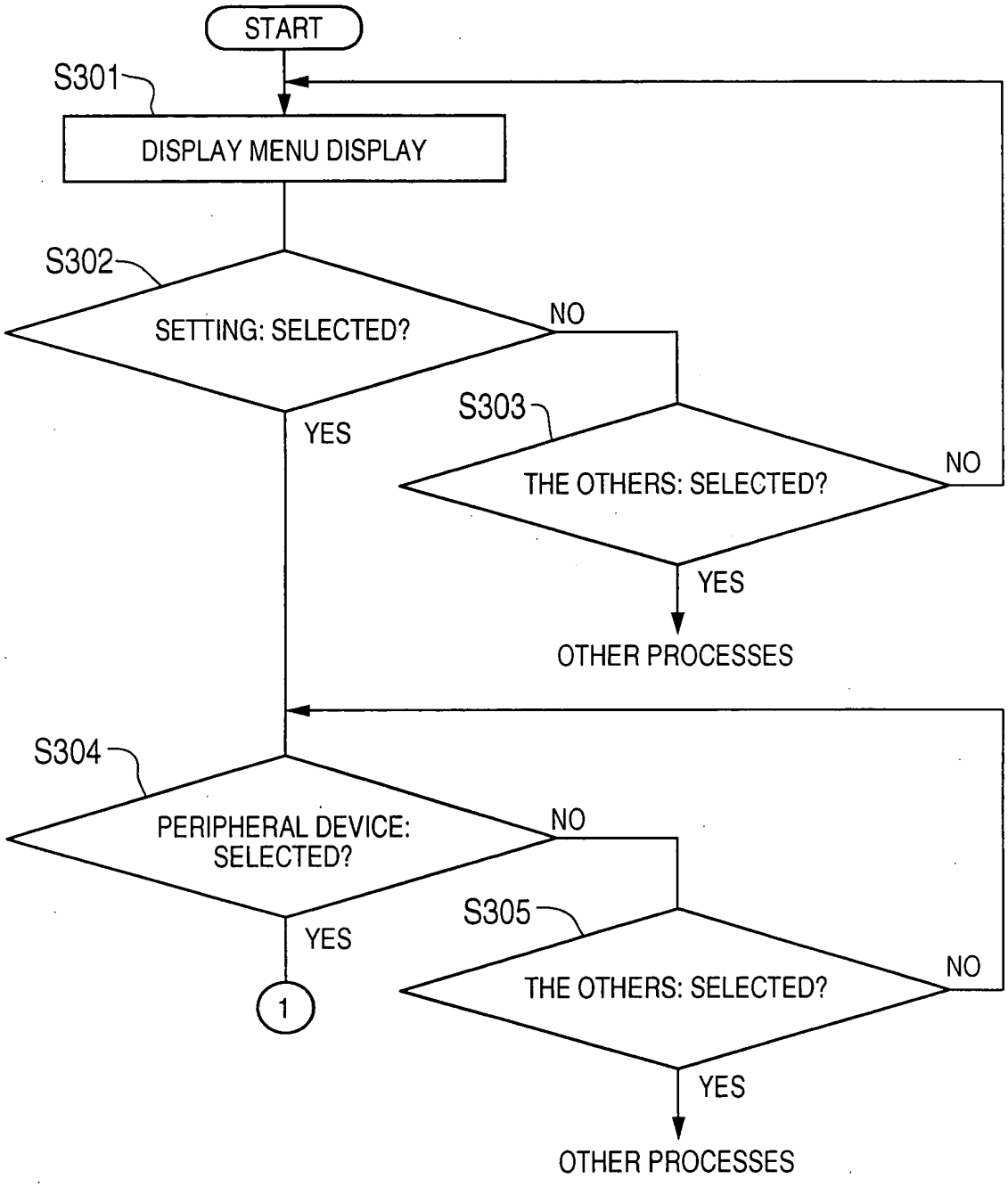

START
S301
DISPLAY MENU DISPLAY
S302
SETTING: SELECTED?
NO
YES
S303
THE OTHERS: SELECTED?
NO
YES
OTHER PROCESSES
S304
PERIPHERAL DEVICE: SELECTED?
NO
YES
S305
THE OTHERS: SELECTED?
NO
YES
OTHER PROCESSES
1

Fig. 13

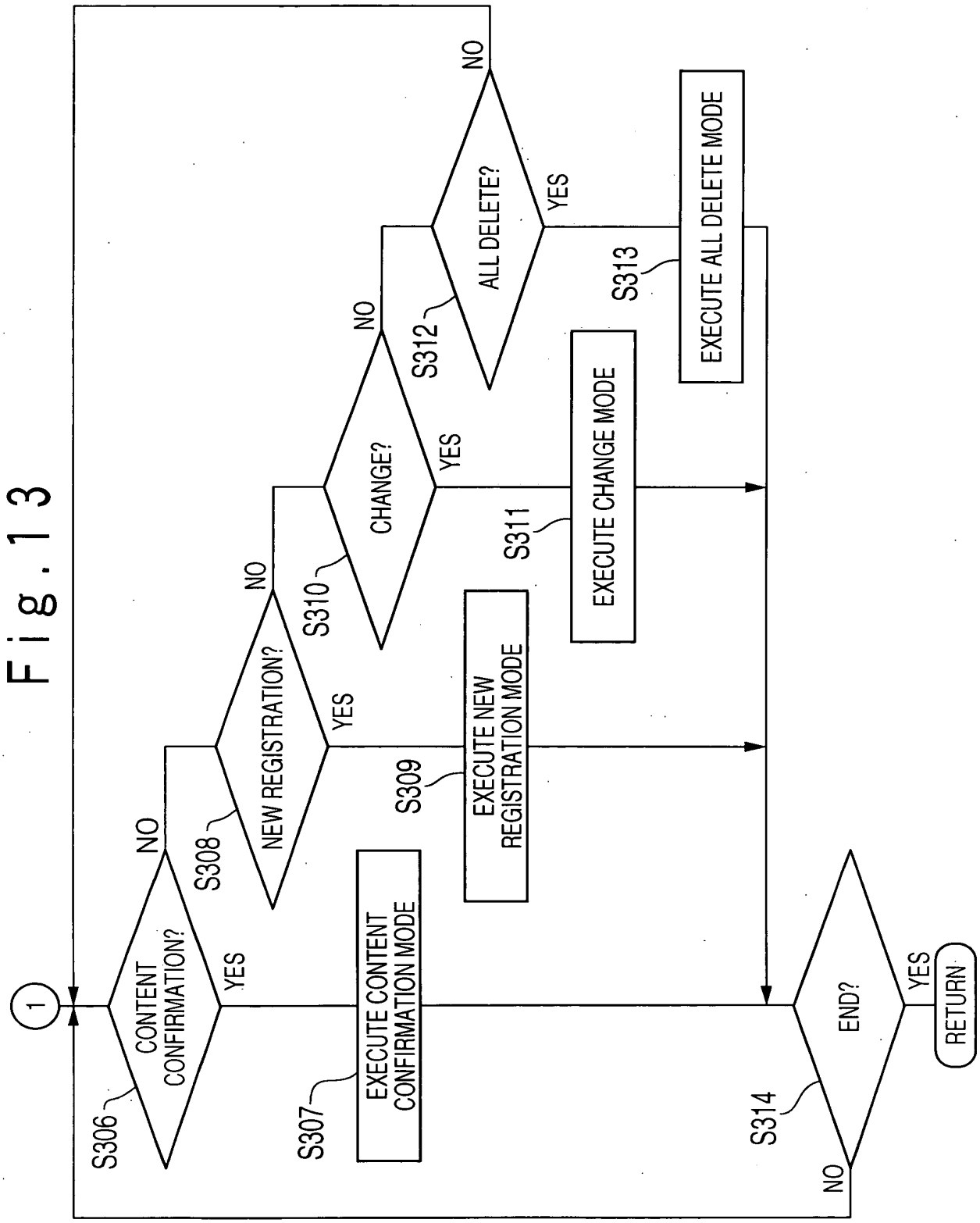

1
CONTENT CONFIRMATION?
S306
YES
NO
EXECUTE CONTENT CONFIRMATION MODE
S307
NEW REGISTRATION?
S308
YES
NO
EXECUTE NEW REGISTRATION MODE
S309
CHANGE?
S310
YES
NO
EXECUTE CHANGE MODE
S311
ALL DELETE?
S312
YES
NO
EXECUTE ALL DELETE MODE
S313
END?
S314
YES
NO
RETURN

Fig.14

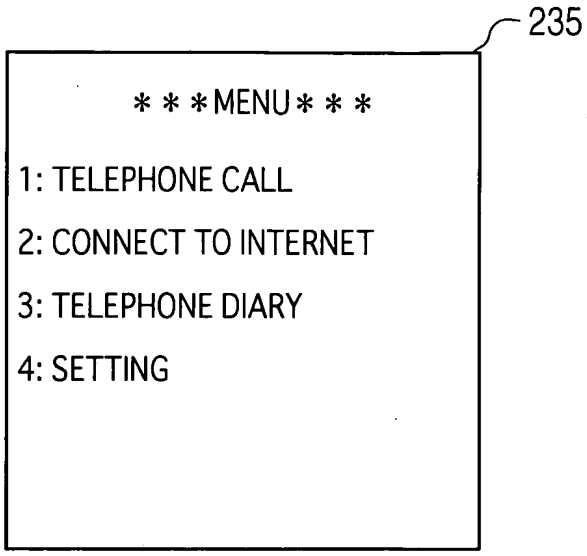


Fig.15

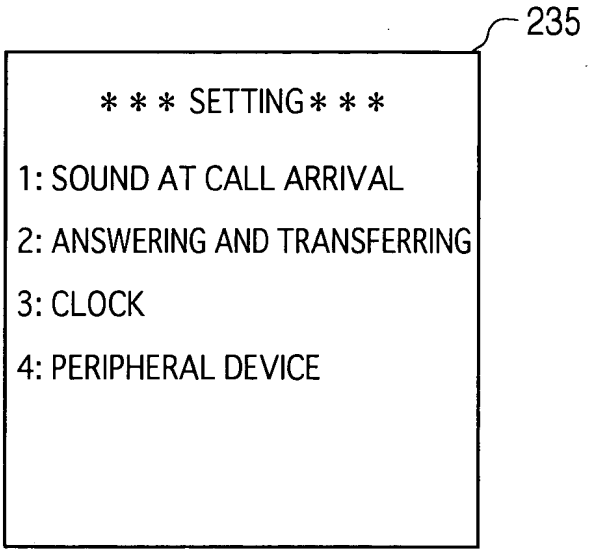


Fig.16

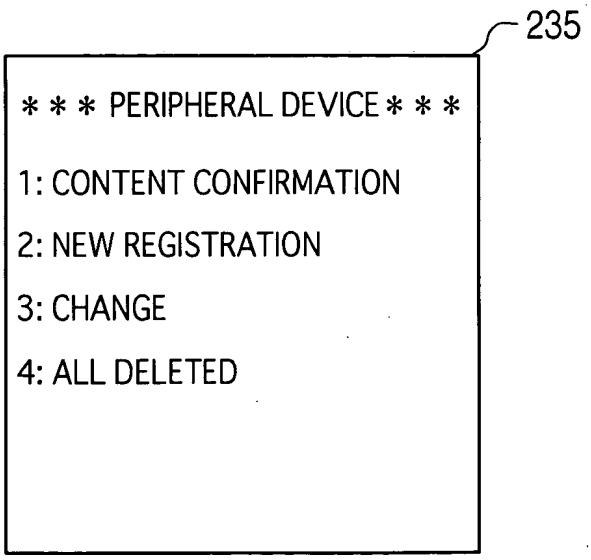


Fig. 17

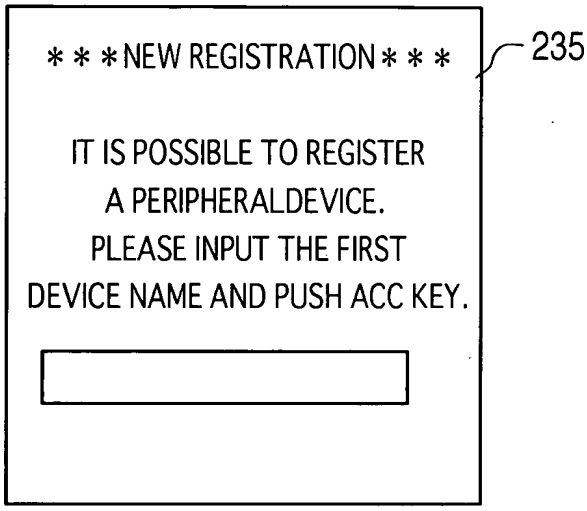


Fig. 18

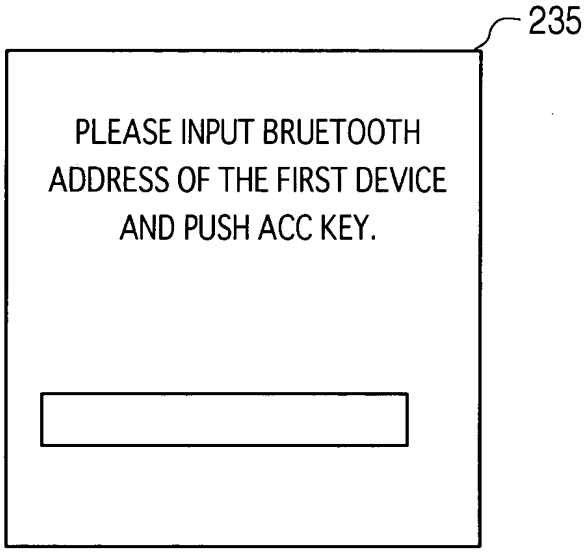


Fig. 19

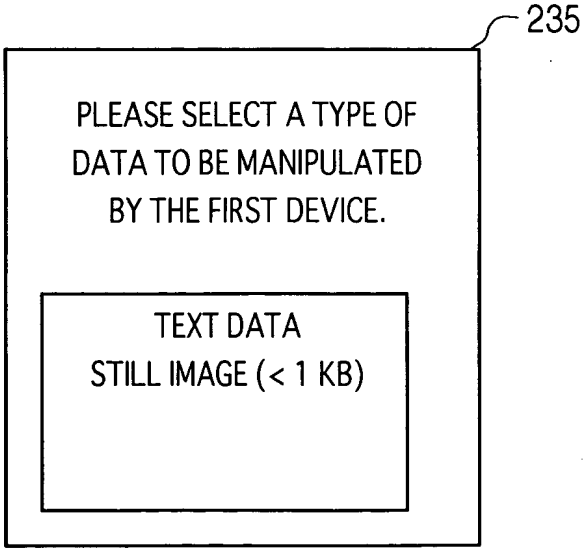
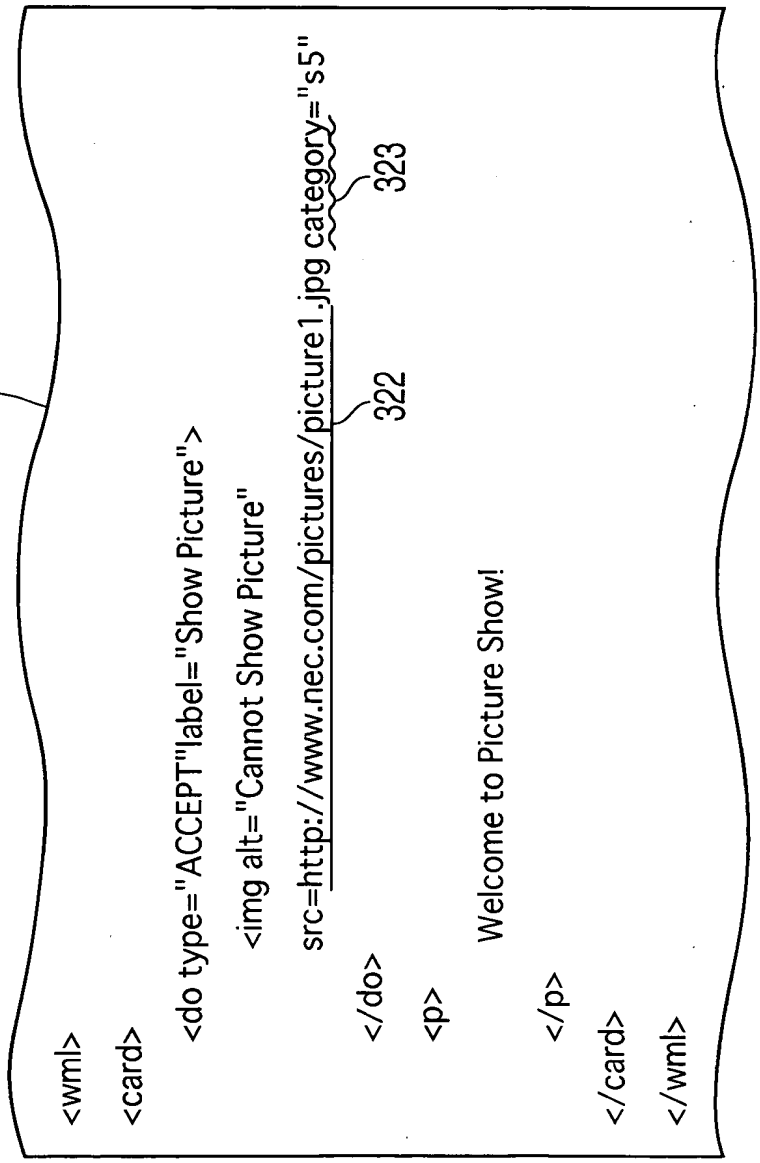


Fig. 20


321
<wml>
<card>
<do type="ACCEPT"label="Show Picture">
<img alt="Cannot Show Picture"
src=http://www.nec.com/pictures/picture1.jpg category="s5"
322
323
</do>

Welcome to Picture Show!

</card>
</wml>

Fig. 21

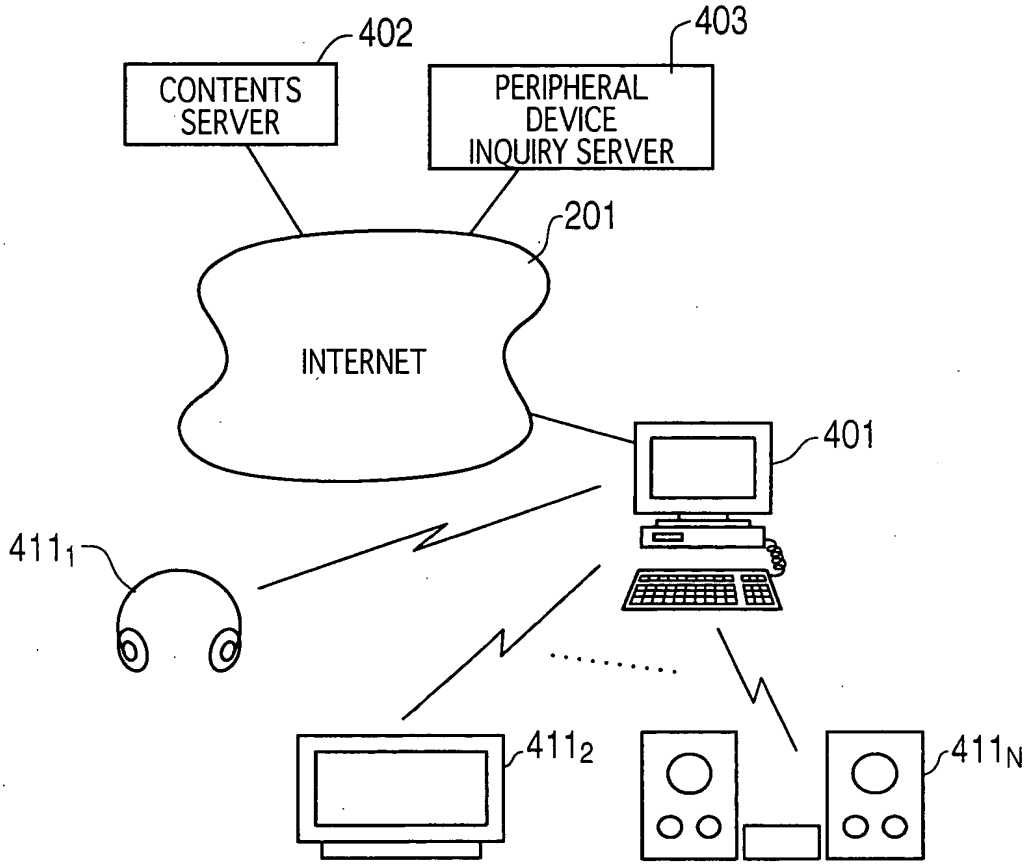
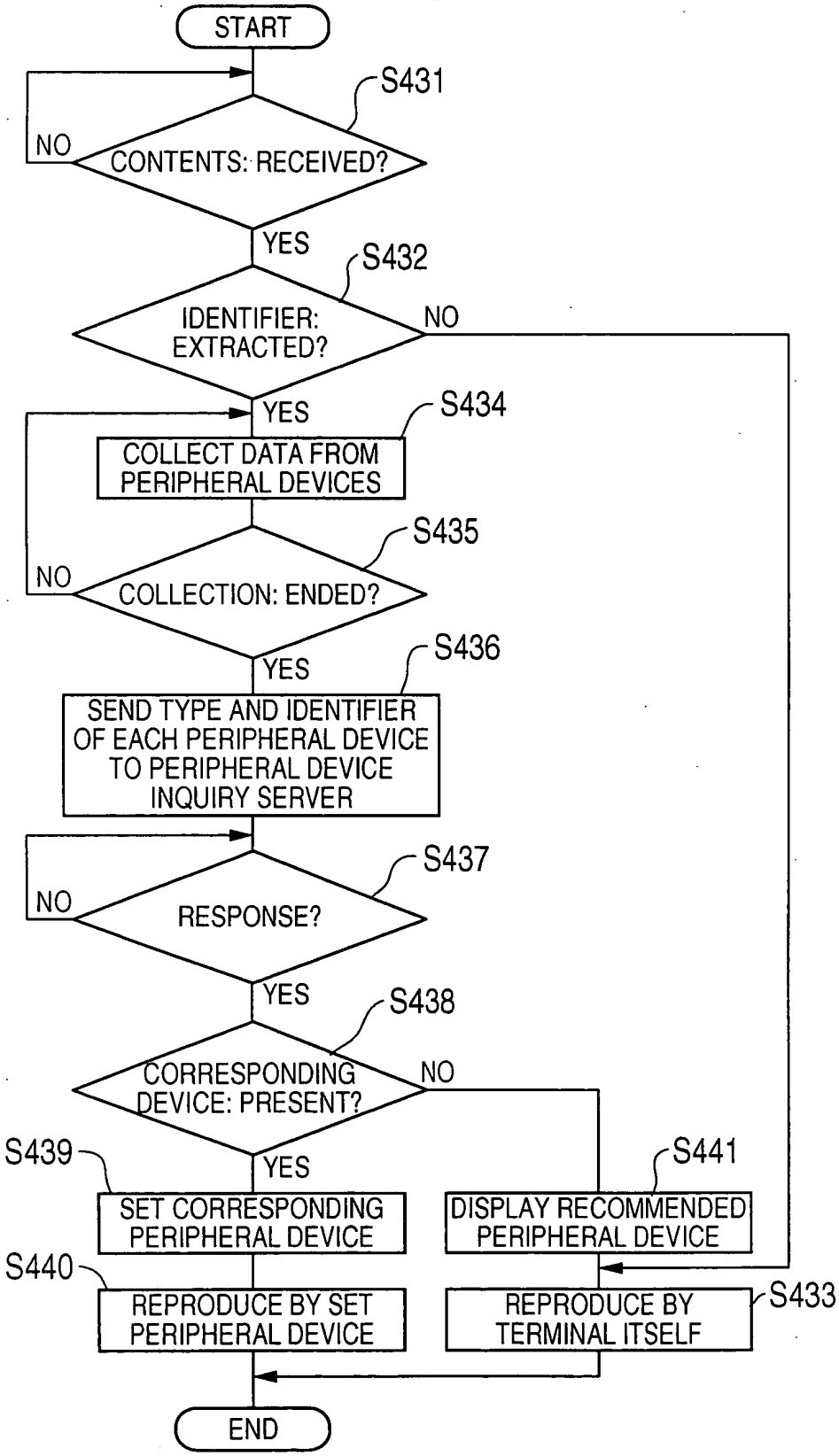

402
CONTENTS SERVER
403
PERIPHERAL DEVICE INQUIRY SERVER
201
INTERNET
401
411$_1$
411$_2$
411$_N$

Fig. 22


START
S431
CONTENTS: RECEIVED?
NO
YES
S432
IDENTIFIER: EXTRACTED?
NO
YES
S434
COLLECT DATA FROM PERIPHERAL DEVICES
S435
COLLECTION: ENDED?
NO
YES
S436
SEND TYPE AND IDENTIFIER OF EACH PERIPHERAL DEVICE TO PERIPHERAL DEVICE INQUIRY SERVER
S437
RESPONSE?
NO
YES
S438
CORRESPONDING DEVICE: PRESENT?
NO
YES
S439
SET CORRESPONDING PERIPHERAL DEVICE
S440
REPRODUCE BY SET PERIPHERAL DEVICE
S441
DISPLAY RECOMMENDED PERIPHERAL DEVICE
S433
REPRODUCE BY TERMINAL ITSELF
END